

FIG. 1

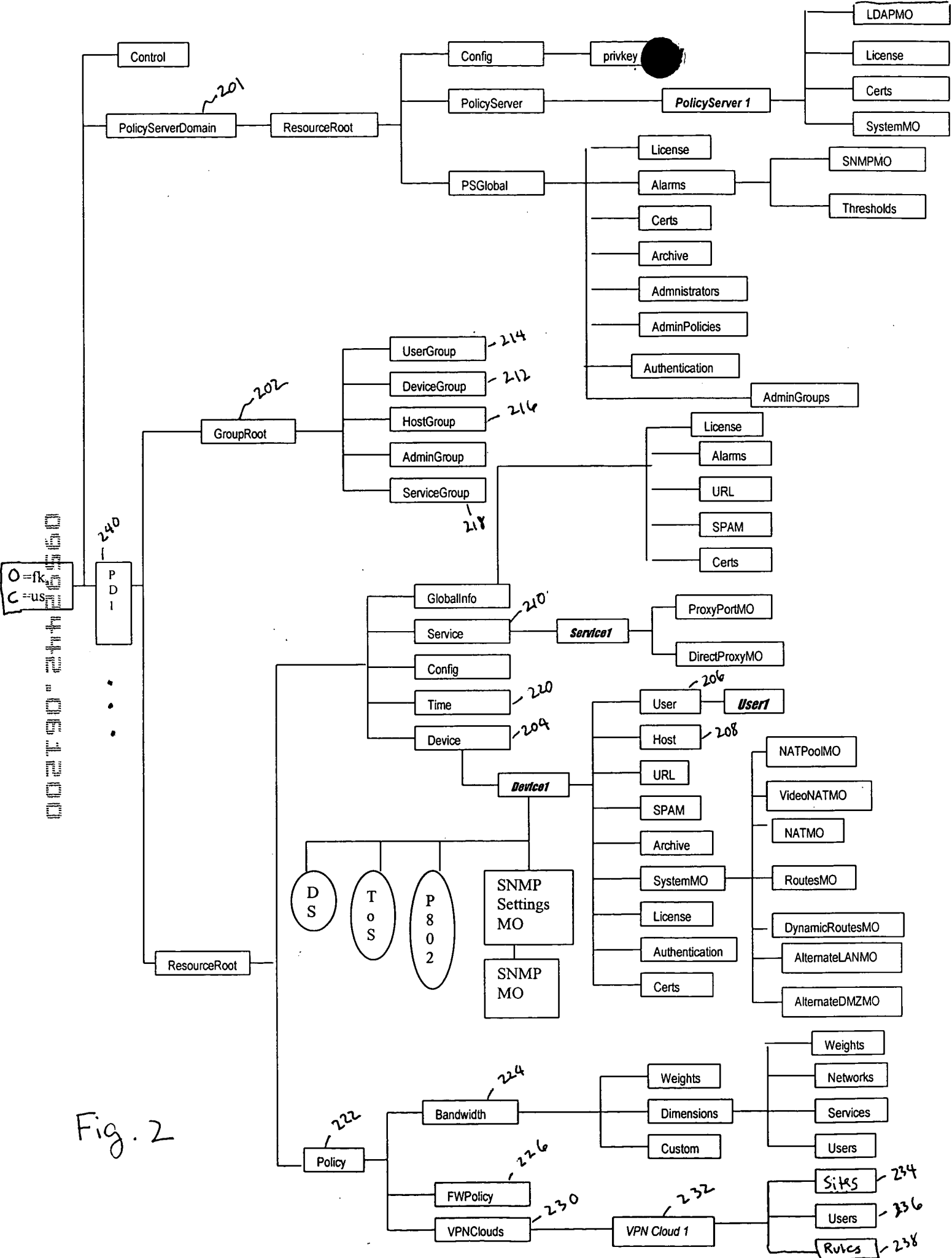


Fig. 2

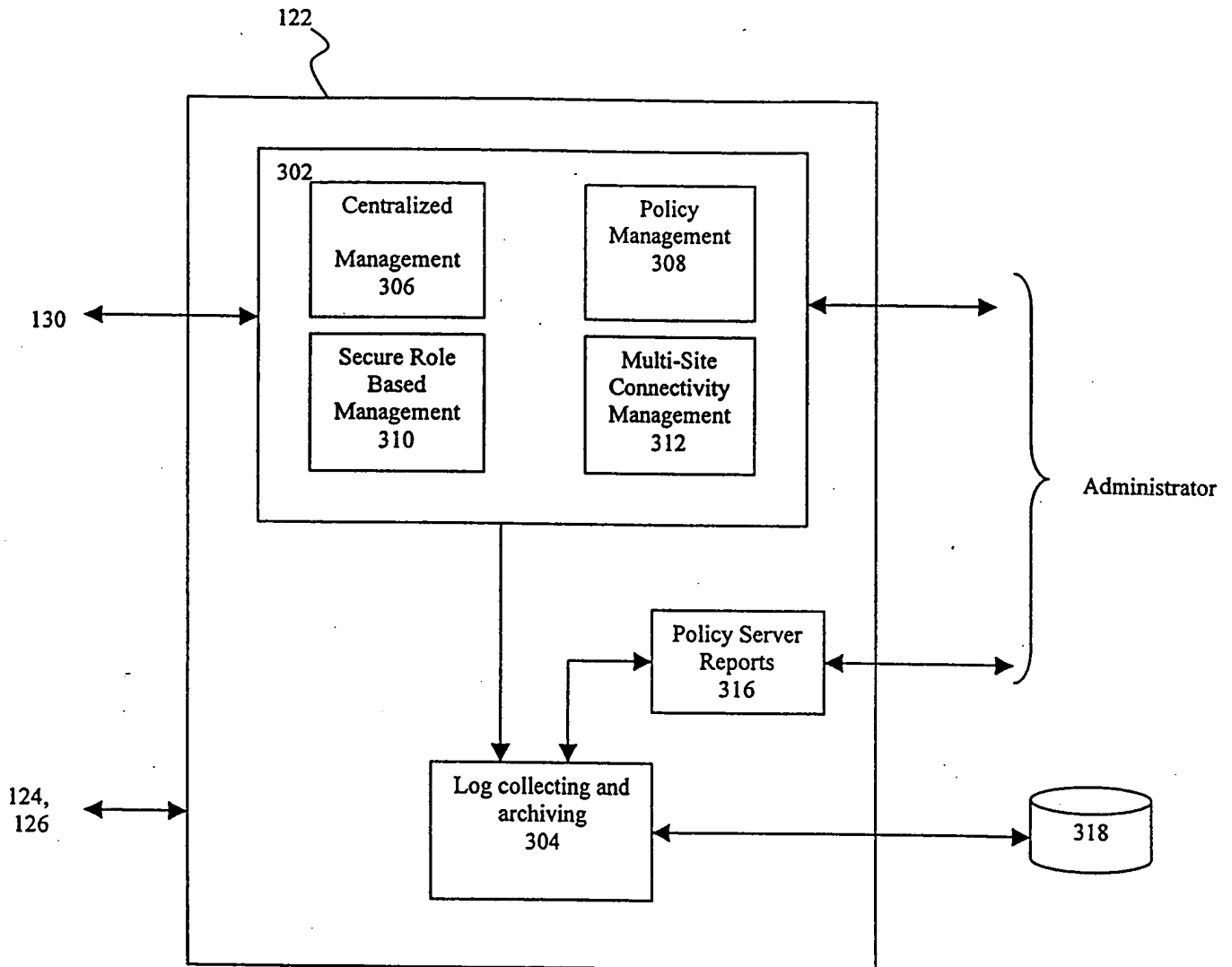


FIG. 3

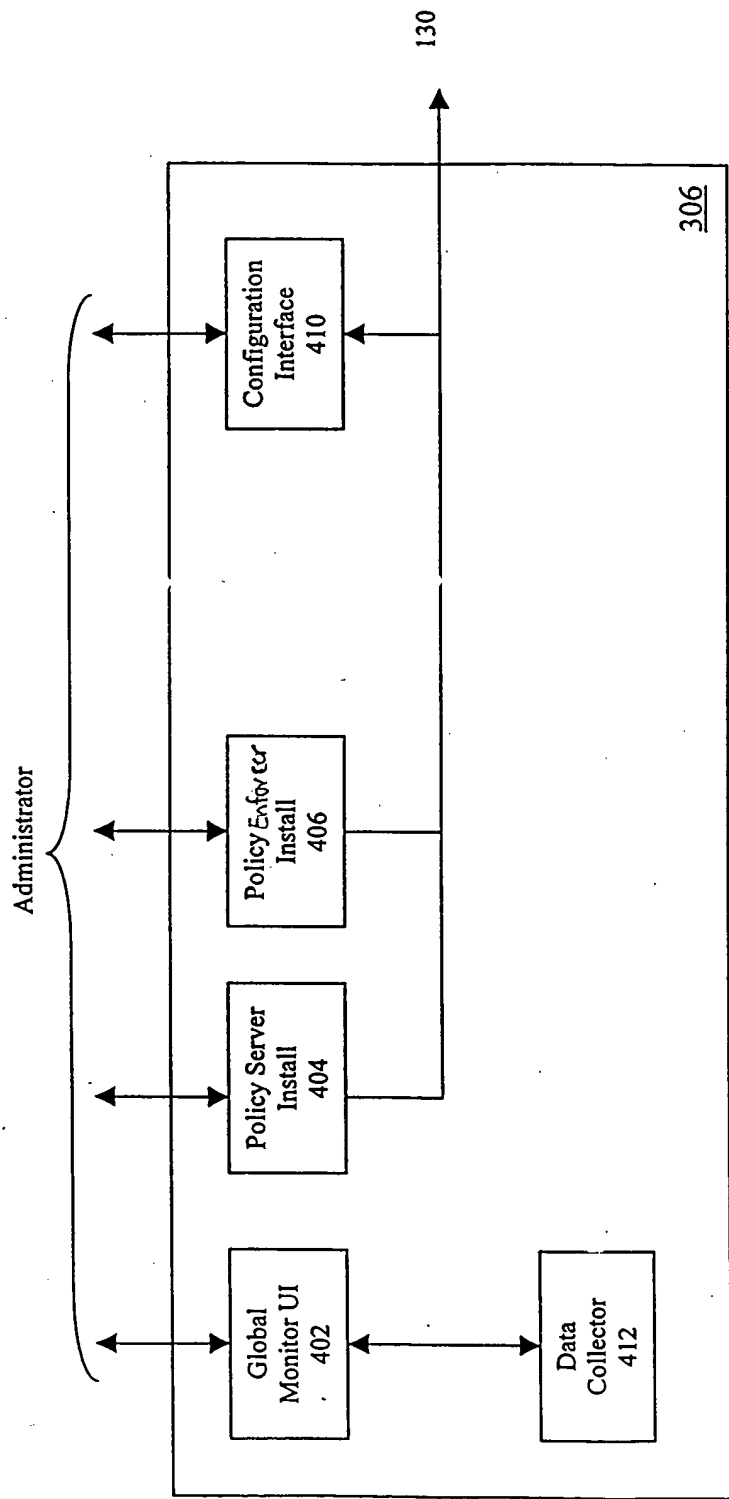


FIG. 4

002190 244650

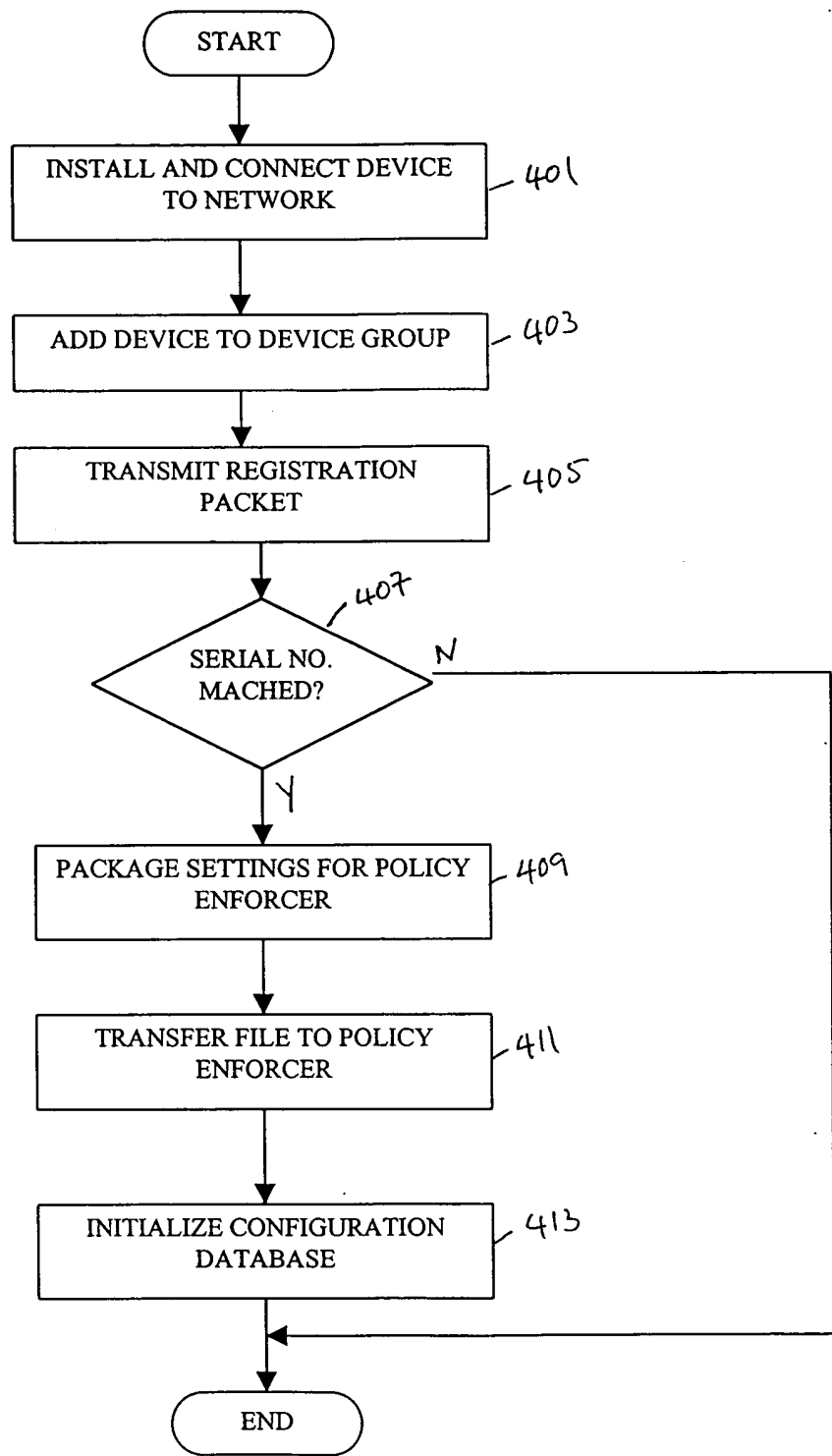


FIG. 5

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Applet Viewer: Presenta... MainMenu  
Applet

**Policy Server**

Manager Monitor Reports Admin Apply Help

Device Explored

- Policy Server System Settings
- Policy Server Archive Options
- Global URL Blocking
- Global Spam List
- All
- UTeam
  - Tahoe
  - Aspen
  - NewYork
- East Coast Device Group

Add New Device

Device Name <sup>415</sup> Boston

Device Serial Number <sup>417</sup> AVX-12345

Registered ☐

Attached DeviceGroup <sup>421</sup>

East Coast Device Group Remove

Location

Address1 <sup>419</sup> 478 New Avenue

Address2 Boston

OK Reset Cancel

Fig. 6

002130-2442560

Fort Knox Policy Server 5.0 - Microsoft Internet Explorer

File Edit View Go Favorites Help

Address http://192.168.1.1:88/mainmenu.html

Back Forward Stop Links

**Policy Server**

Manager Monitor Reports Admin Apply Help

**Global Monitor Explored**

- All Devices
  - UTeam
    - Tahoe
      - 716 ~ Alarms
      - 714 ~ Network Status
      - 712 ~ System Load
      - VPN Connections
        - Bandwidth
          - Aspen
          - NewYork
          - East Coast Device Group

**All Devices' Status**

Name	Time	Up/Down	Alarms	Network	System	VPN	Descripti...
Tahoe	Mon Mar	UP	15	load	cpu		

Fig. 7

**Policy Server**

Manager Monitor Reports Admin Apply Help

File View Print \* [Icons]

User Explored

- ☐ All
- ☐ Admin Users
- ☐ Sales & Marketing
- ☐ Finance
- ☐ Manufacturing
- ☐ Customer Service
- ☐ Engineering
- ☐ Mobile Users
- ☐ Partners
- ☐ VPN Users

**Policies** VPN Bandwidth Administration

Policy List + Add Modify Delete Up Down IE Filter Print Refresh

Id	Order	Description	Action	Active	User	Source	Services
505	30	Allow Any	●	★	UserGroup.All	HostGroup.All	ServiceGroup...
235	40	Spam Blocking	●	★	UserGroup.All	HostGroup.All	Service.SM...
238	70	URL Blocking	●	★	UserGroup.All	HostGroup.L...	Service.HTT...
222	80	VPN Key Ma...	●	★	UserGroup.All	HostGroup.All	Service.ISA...
223	100	Internet Acc...	●	★	UserGroup.All	HostGroup.L...	ServiceGroup...
244	110	Allow IKE Ac...	●	★	UserGroup.All	HostGroup.All	Service.IKE
246	160	Allow DNS A...	●	★	UserGroup.All	HostGroup.L...	Service.DNS

-720



718b

Device Explored

- 750 Policy Server
- 752 Policy Server
- 754 Global URL E
- 756 Global Spam
- 758 All
- 761 UITeam
- 760 Tahoe
- Aspen

**Device Explored**

- Policy Server System Settings
- Policy Server Archive Options
- Global URL Blocking
- Global Spam List
- All
- UITeam
  - Tahoe
  - Aspen
    - System Settings ~762
    - URL Blocking ~764**
    - Spam List ~766
    - Authentication Settings
    - Archive Options
  - NewYork
  - East Coast Device Group

**Modify URL of Aspen**

Enable List Download ☐

Download URL

Password

Day of the week **Sun**

Time of day **12:00 AM**

**Profile Management**

Categories

- ☐ Violence & Profanity
- ☐ Sex Education
- ☐ Partial Nudity
- ☐ Gambling
- ☐ Militant & Extremist
- ☐ Sexual Test
- ☐ Sports & Leisure
- ☐ Gross Depictions
- ☐ Full Nudity
- ☐ null

**OK** **Reset** **Cancel**

Fig. 9

**Policy Server**

Manage Monitor Reports Action Apply Help

**Host Explored** 718 ✓

- All
- LAN
- WAN
- DMZ
- DNS Servers
- Sales & Marketing
- Engineering**
- Manufacturing
- Finance
- Partners
- Remote Sites
- Mobile Users
- Customer Service

**Add New Host**

Name ~ 770

IP Address ~ 772

Netmask ~ 774

External Host ☒ ~ 776

External Device IP Address ~ 778

Device ~ 780

☒ Attached HostGroup ~ 782

Engineering Remove

OK Reset Cancel

Internet  
SOLUTIONS

Fig. 10

05592442.061200

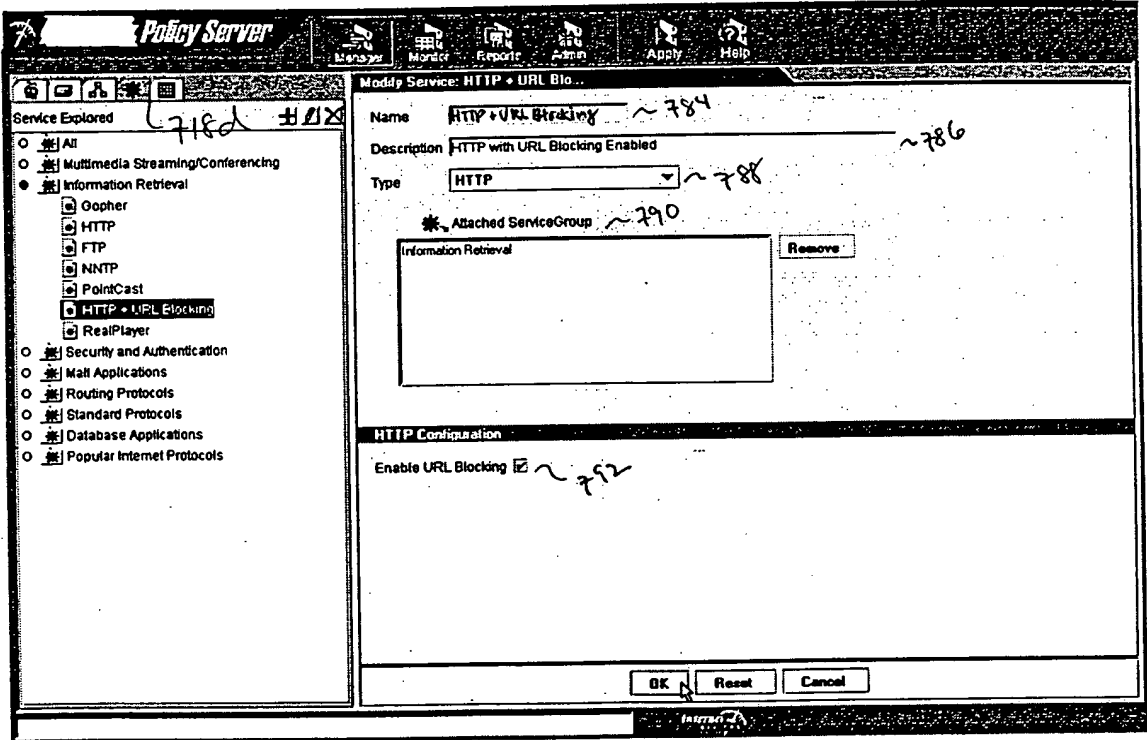


Fig. 11

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~794

Policy & Management

Modify Time: Work

Name: \_\_\_\_\_

Description: Working Hours (8AM - 6PM) Week Days

Day of Week	Hour of Day	1	2	3	4	5	6	7	8	9	10	11	12
Sunday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Monday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Tuesday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Wednesday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thursday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Friday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Saturday	AM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	PM	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

OK Cancel

Fig. 12

002190-24426560

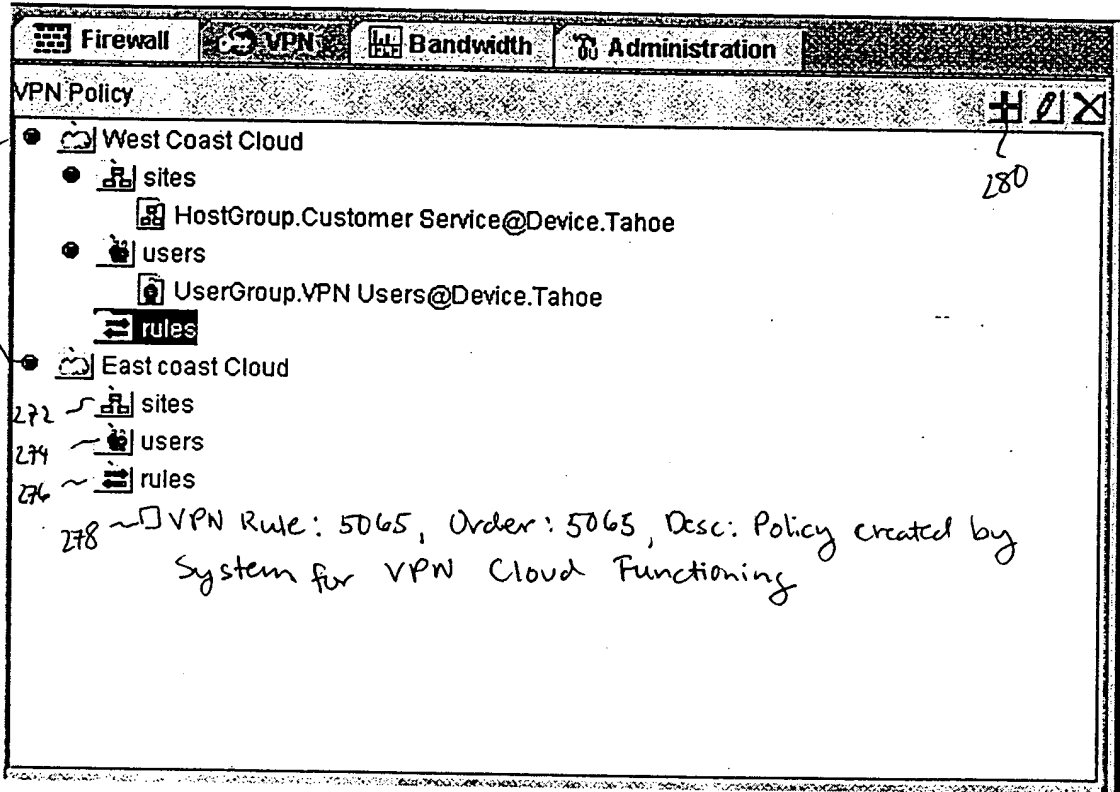


FIG. 13

002190-24426550

Firewall VPN Bandwidth Administration

New Policy: FWPolicy

728a Description

730a Action Allow

732a Active ☐

734a User

736a Source

738a Services

739 Destination

741 Time

743 Authentication None

745 OK Reset Cancel

Fig. 14

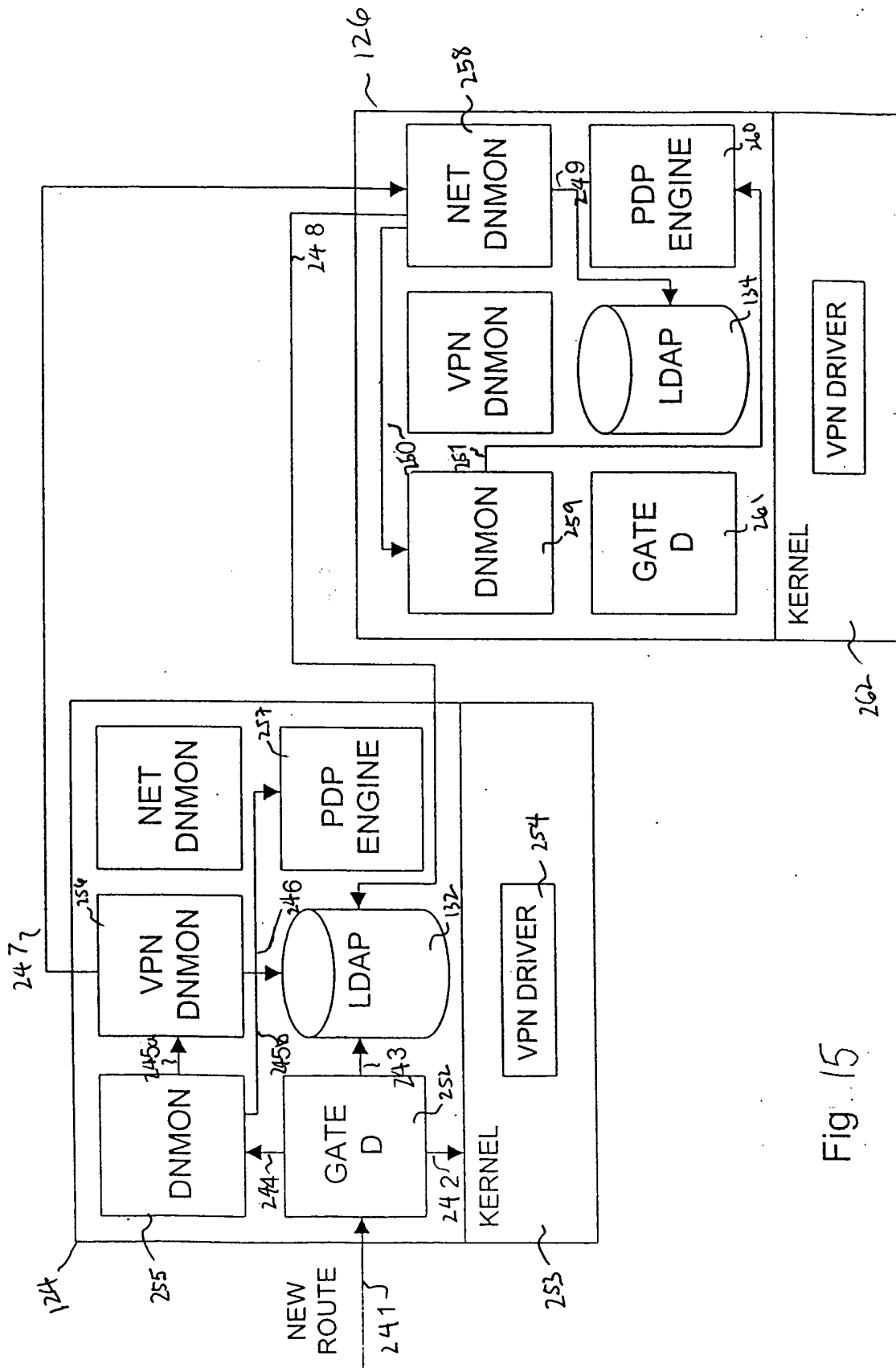
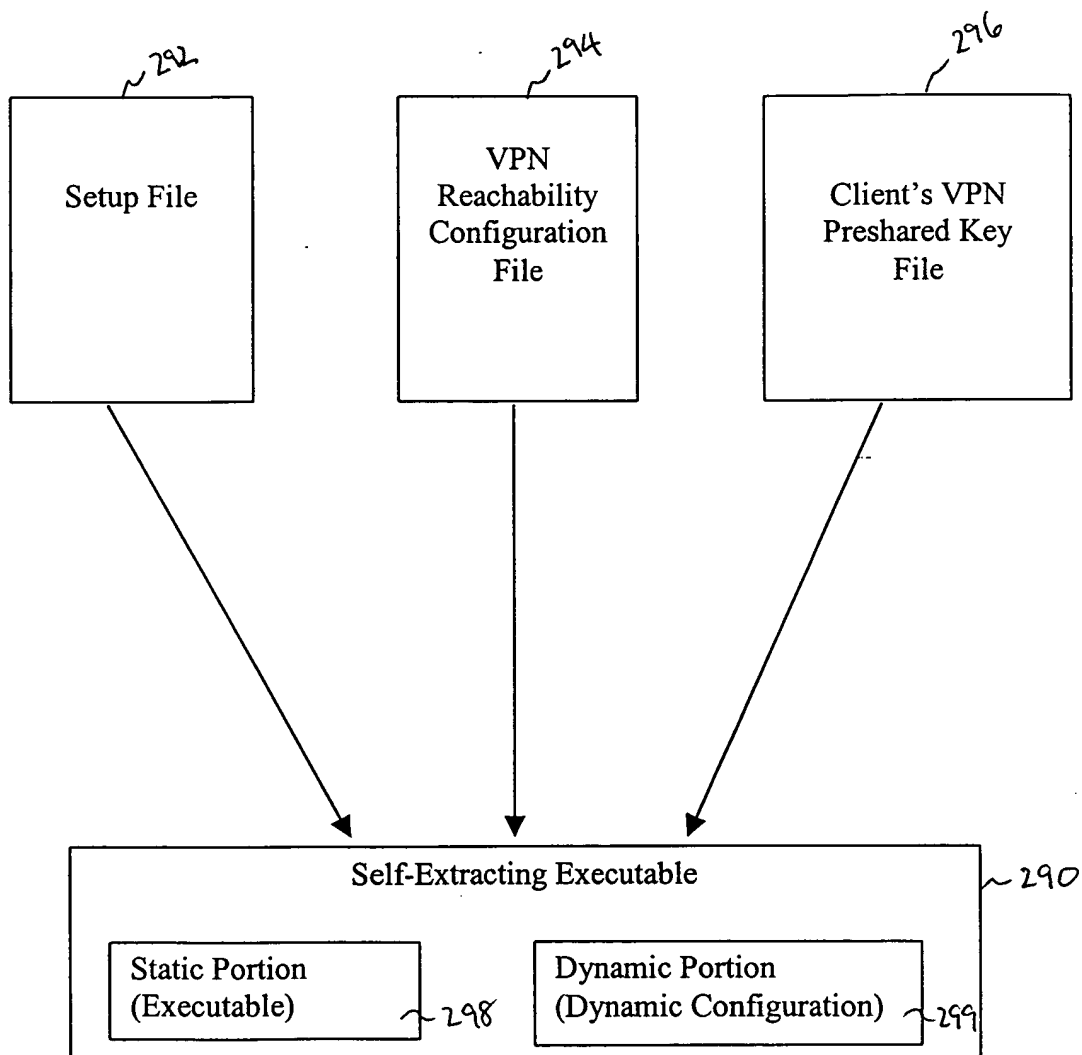


Fig. 15

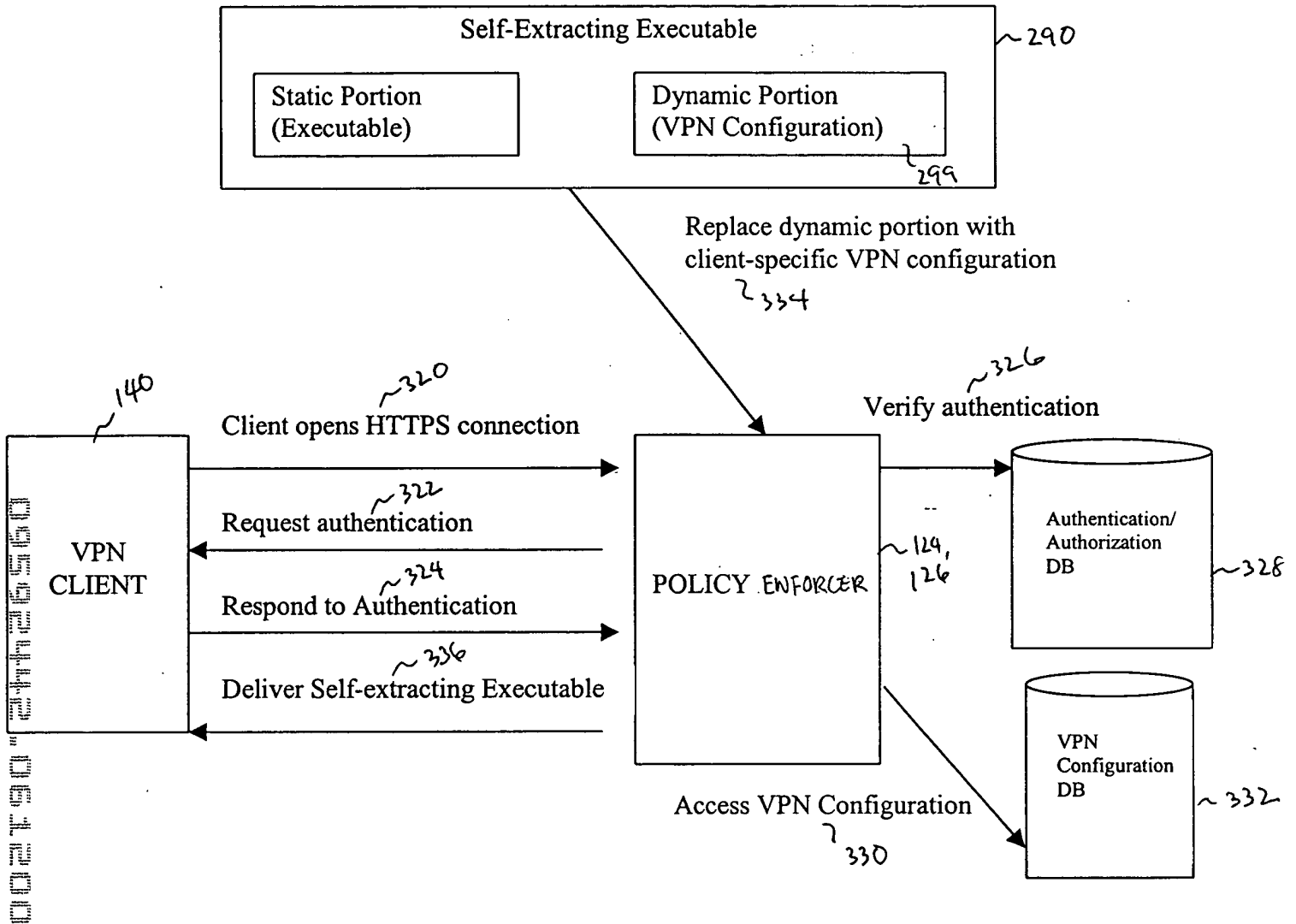
FIG. 16



002130-2442560



FIG. 17



095512442.06.1200

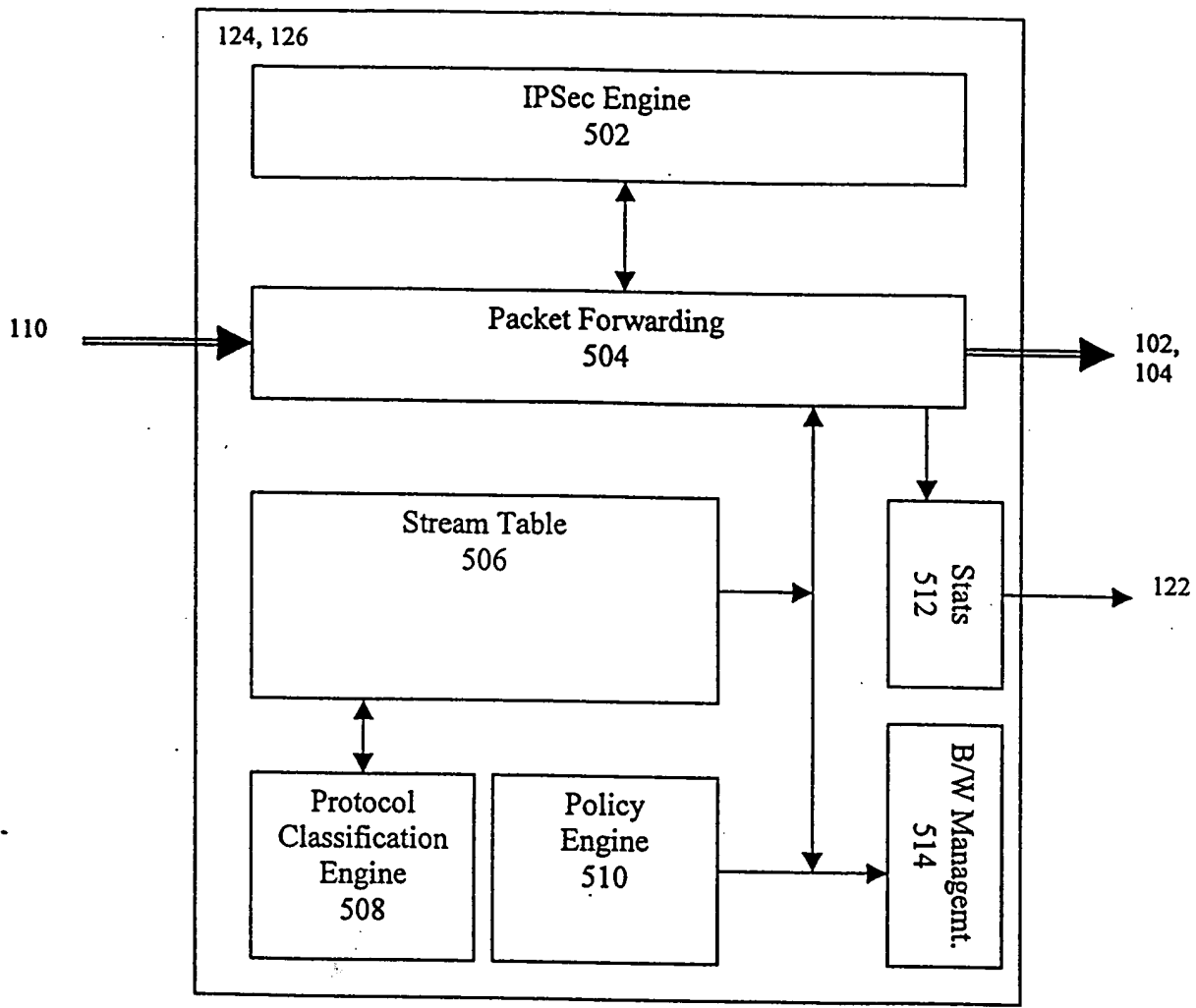


FIG. 18

09592442.06.1200

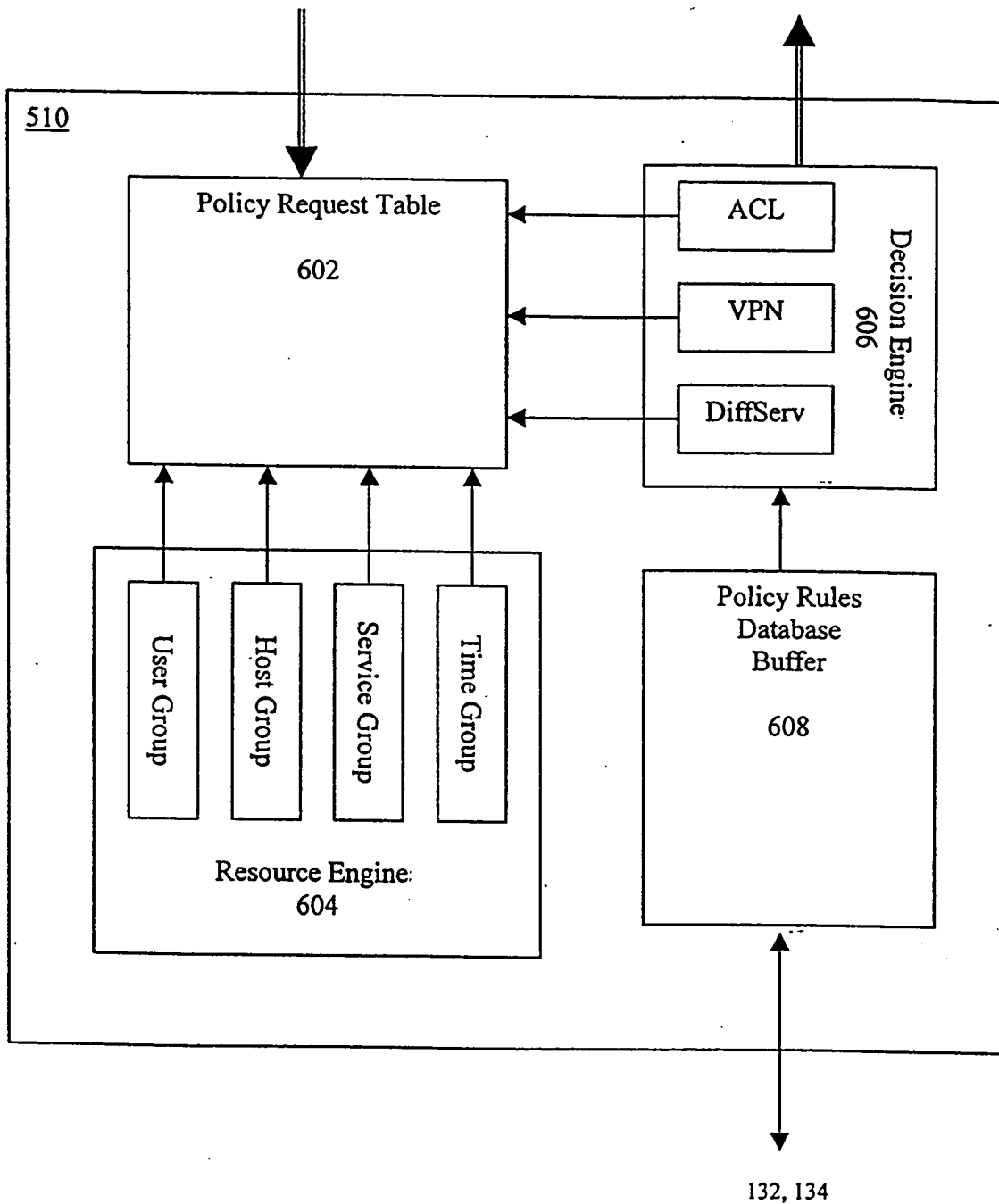


FIG. 19

The diagram illustrates a network protocol classification system, designated as 508. It consists of several interconnected components:

- Stream Data Assembly 702:** Receives input data from the top and feeds it into the Sliding Stream Data Window.
- Sliding Stream Data Window 704:** Receives data from the Stream Data Assembly and the ASN.1 block. It has bidirectional communication with the Protocol Classification State Machine.
- ASN.1 706:** Provides input to the Sliding Stream Data Window.
- Protocol Classification State Machine 708:** Receives input from the Sliding Stream Data Window and the Protocol Definition Signature DB. It outputs the final classification result.
- Protocol Definition Signature DB 710:** Provides input to the Protocol Classification State Machine.

```
graph TD; Input(( )) --> 702[Stream Data Assembly 702]; 702 --> 704[Sliding Stream Data Window 704]; 706[ASN.1 706] --> 704; 704 <--> 708[Protocol Classification State Machine 708]; 710[Protocol Definition Signature DB 710] --> 708; 708 --> Output(( ))
```

FIG. 20

002150" 2442550

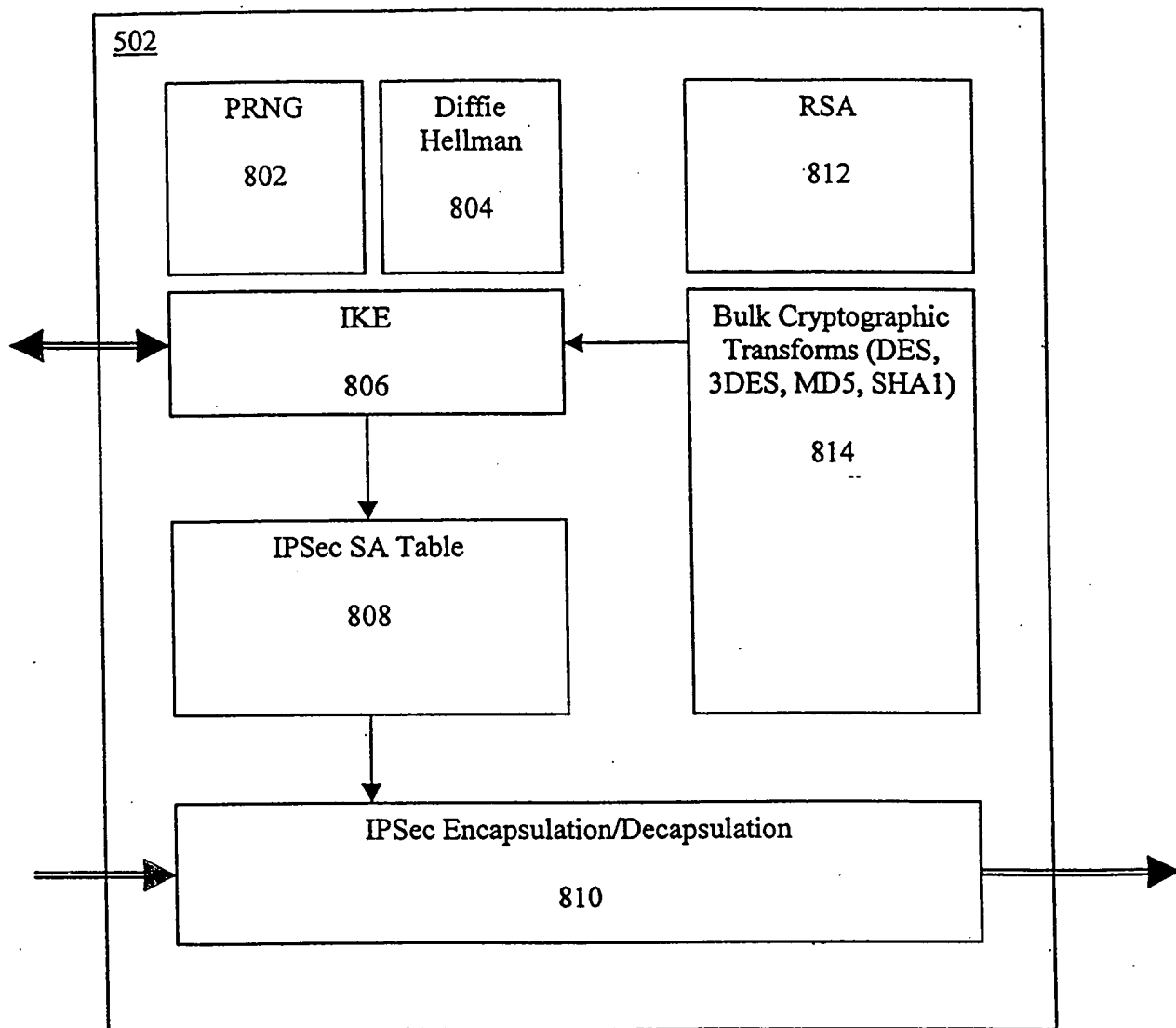


FIG. 21

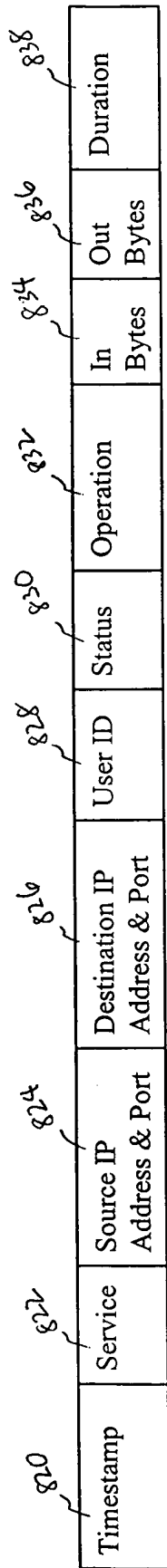


FIG. 22

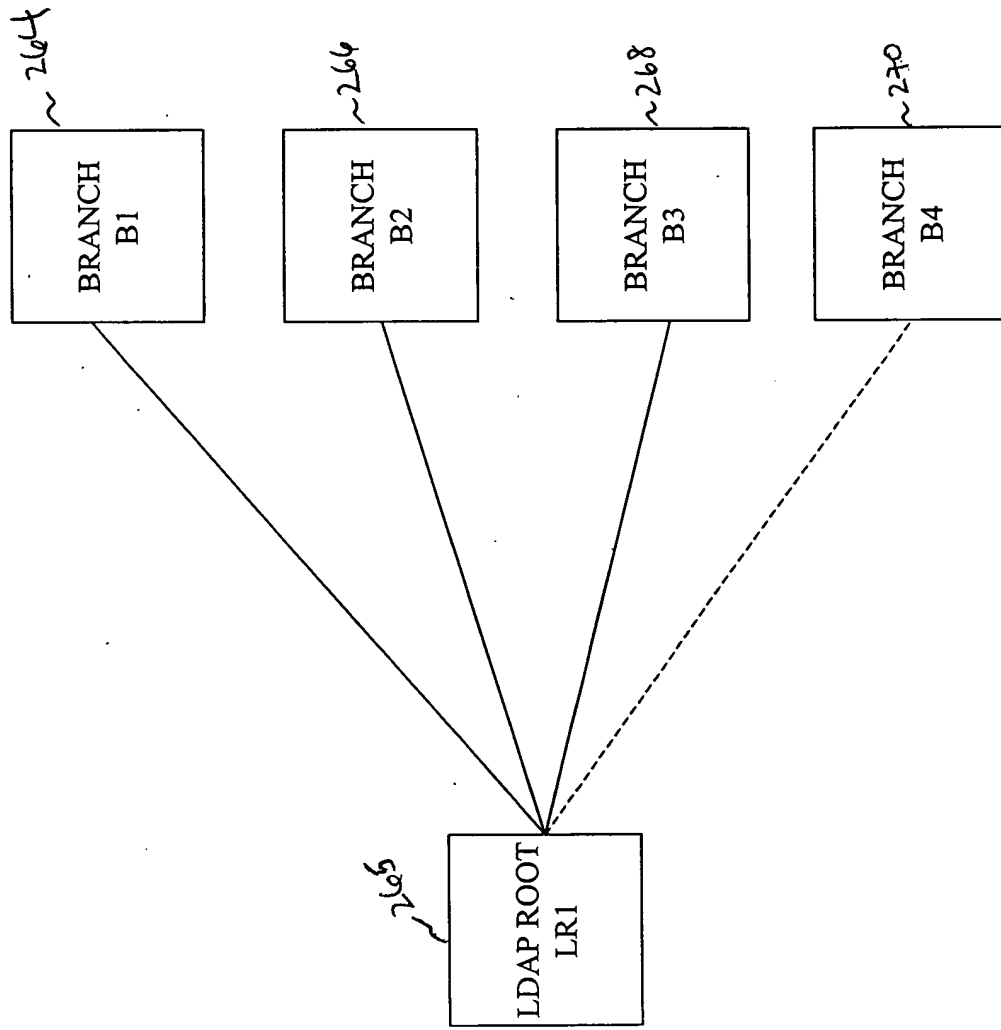


FIG. 23

002130" 2442550

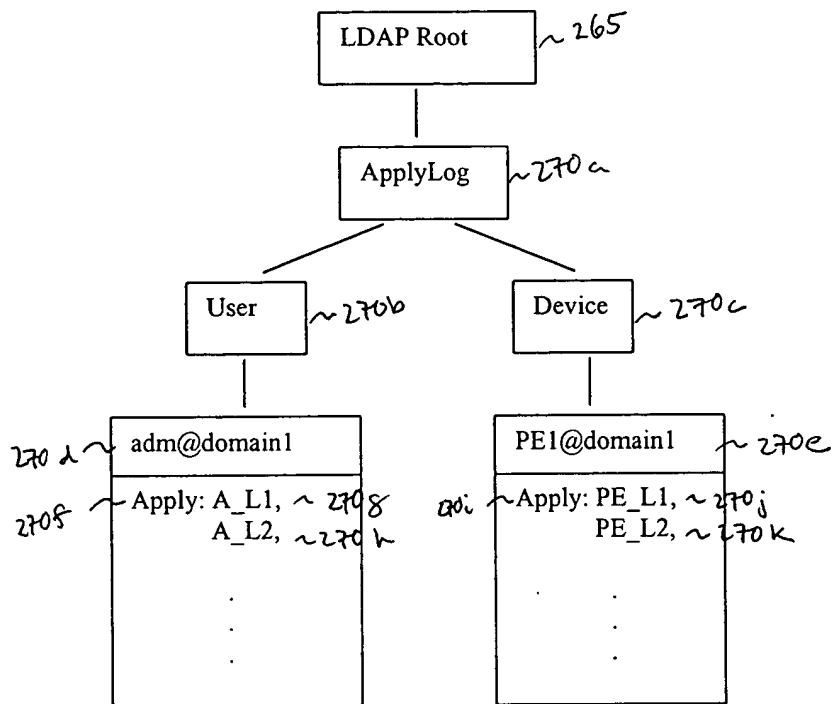


FIG. 24



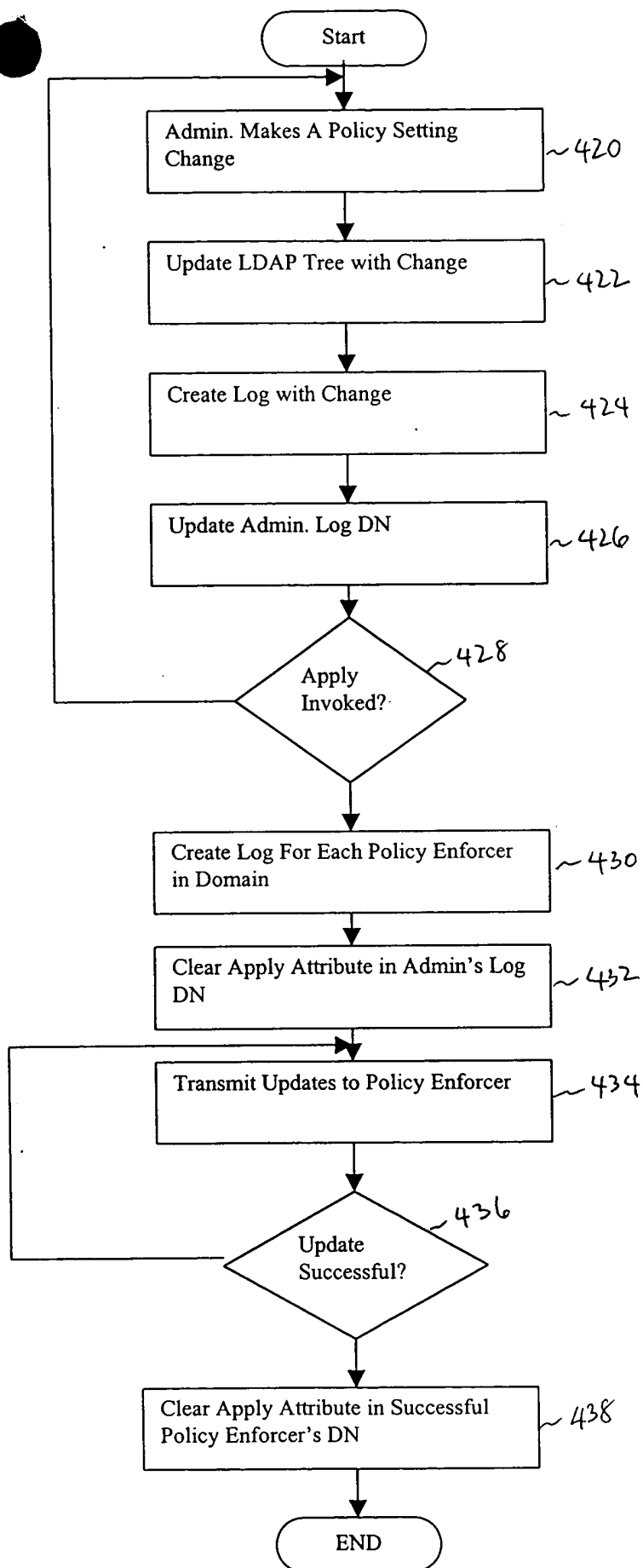


FIG. 25

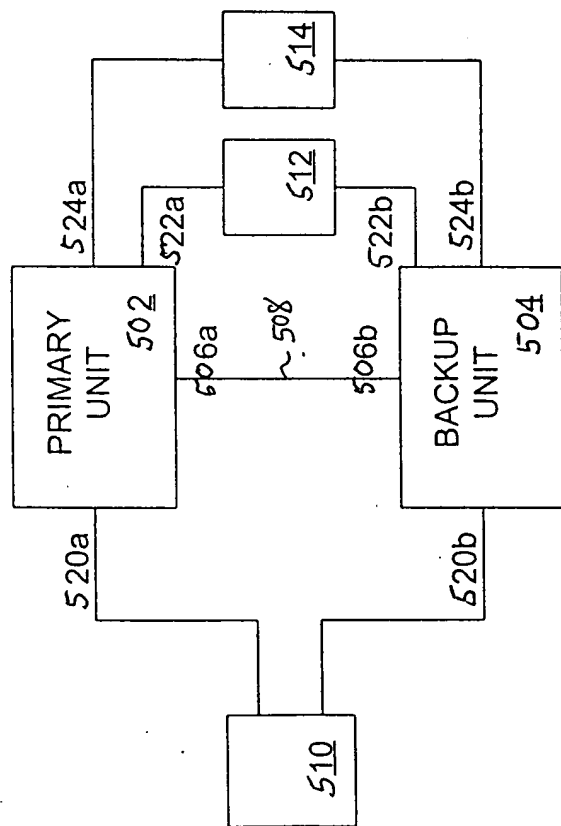
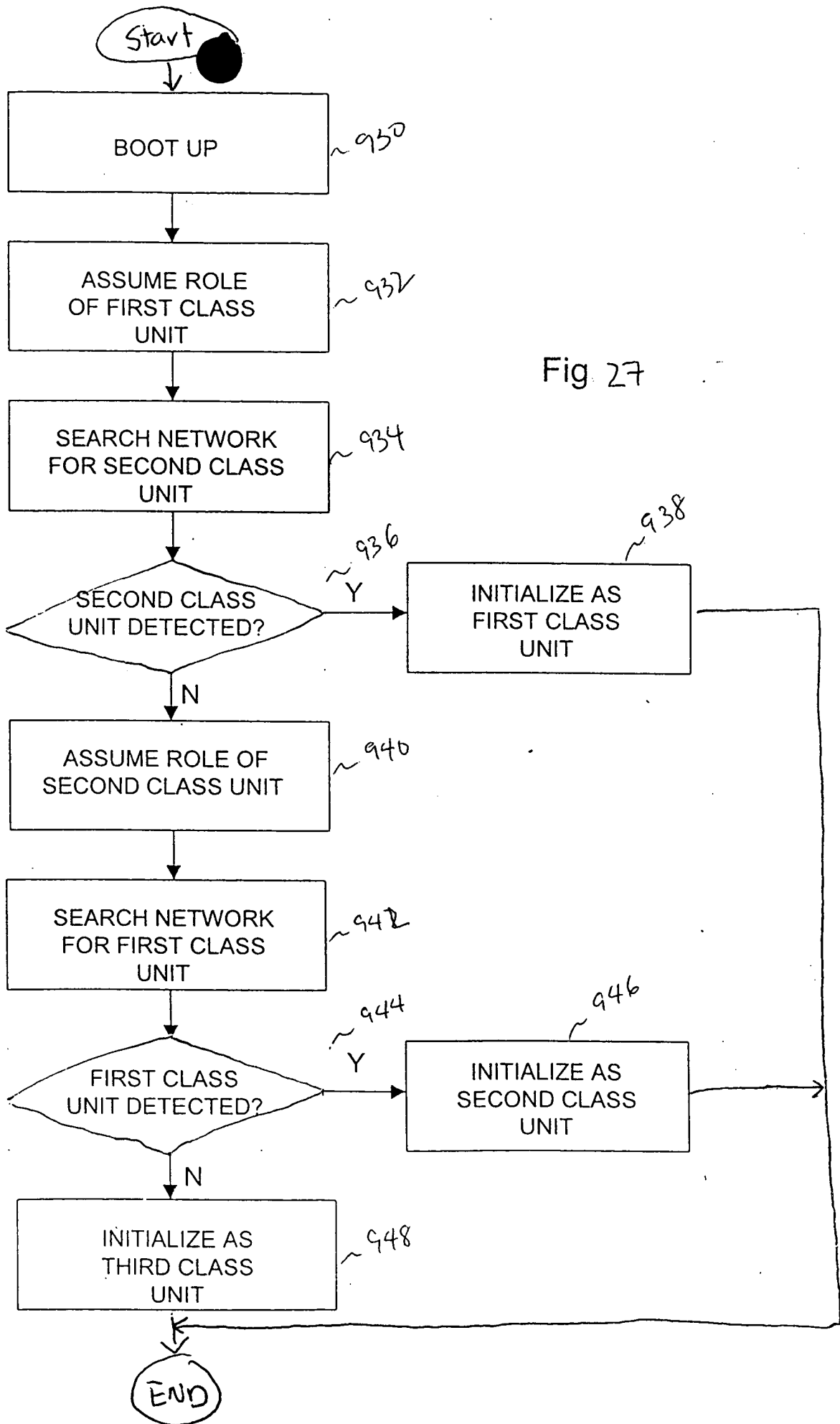


Figure 26

002190" 24426550



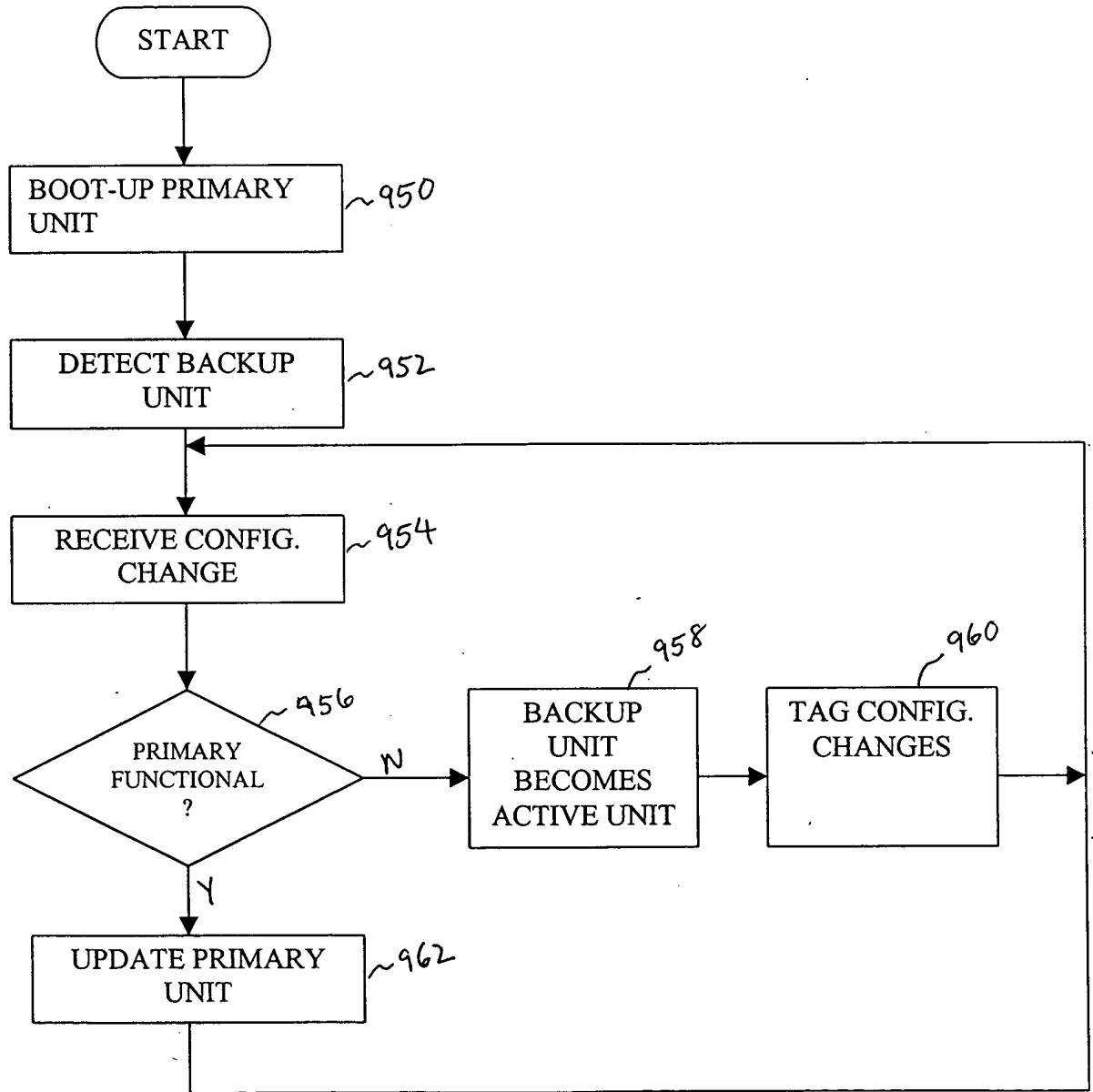


FIG. 28

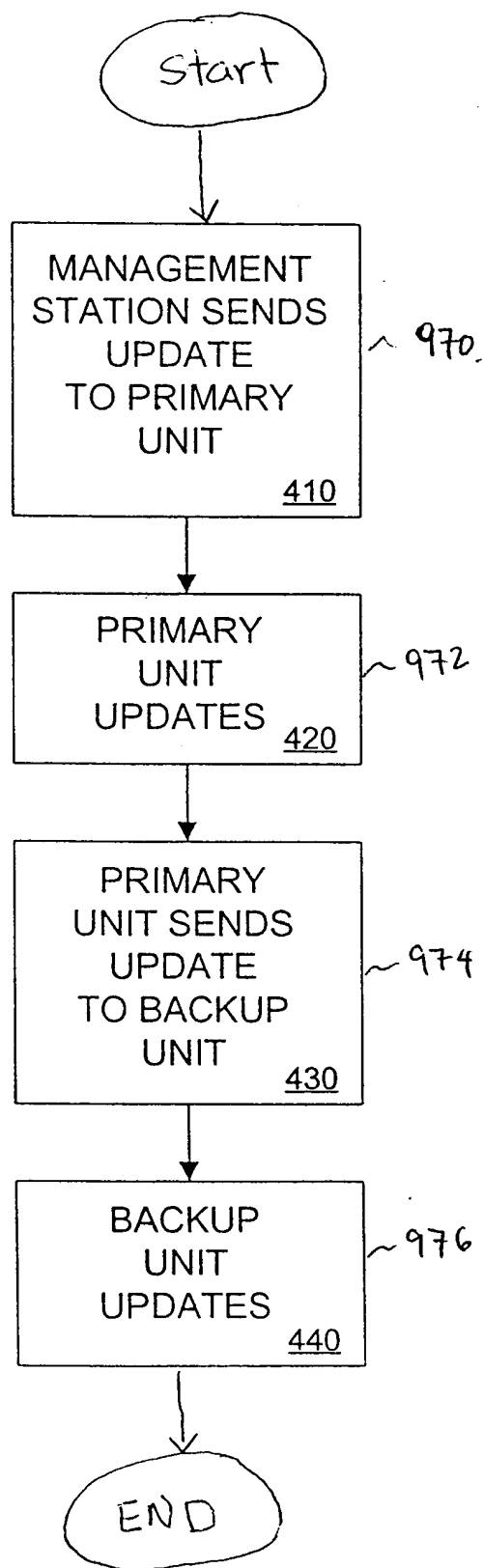


Fig 29

002T50" 24426560

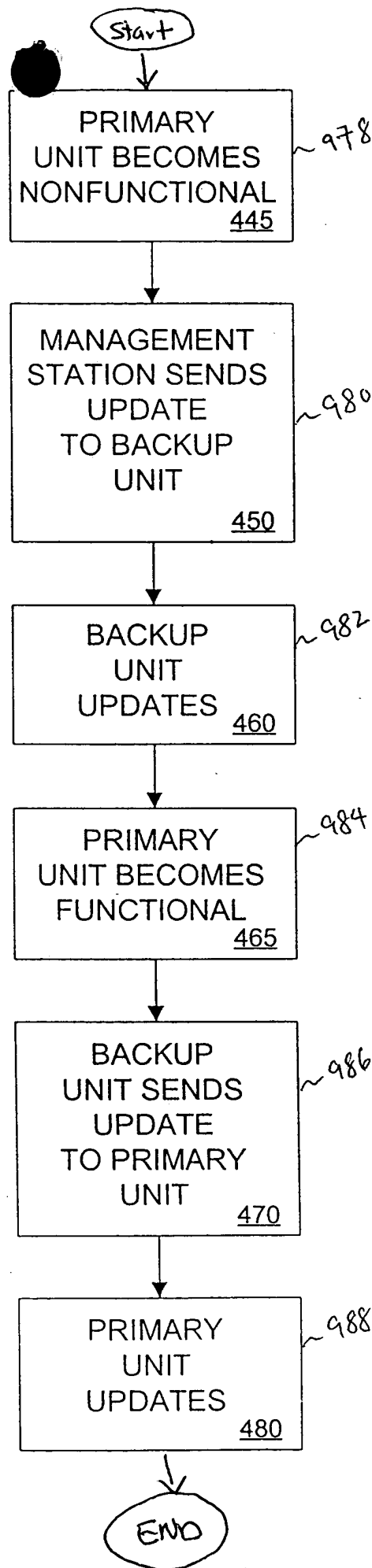


Fig. 30